

1. Title	Fabricate busbars and switchboard enclosures
2. Code	EMELIN202A
3. Range	Applicable to the installation of electric switchboards. Carry out busbar fabrication, steel plate bending and switchboard enclosure fabrication according to shop drawings.
4. Level	2
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Know about techniques and requirements for sheet metal work</p> <ul style="list-style-type: none"> ◆ Know about the tools for sheet metal work such as plate bending machine, tube bending machine, shearing machine tool, file, try square, marking needle ◆ Know about the techniques and requirements for sheet metal work <p>6.2 Fabricate busbars and switchboard enclosures</p> <ul style="list-style-type: none"> ◆ Carry out the procedures of assembling and fabricating busbars, steel plates and switchboard enclosures, such as trimming and bending them, according to the requirements of switchboard enclosures and busbar fabrication diagrams
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to master the techniques for sheet metal work; and</p> <p>(ii) Capable to carry out the procedures of assembling and fabricating busbars, steel plates and switchboard enclosures, such as trimming and bending them, according to the requirements of switchboard enclosures and busbar fabrication diagrams.</p>
8. Remarks	